

## PRODUCT / PROCESS CHANGE INFORMATION

### 1. PCI basic data

|                      |   |  |
|----------------------|---|--|
| 1.1 Company          |  | STMicroelectronics International N.V                                       |
| 1.2 PCI No.          |   | ADG/20/12528   |
| 1.3 Title of PCI     |   | Orientation of PowerFLAT 8X8 HV Package in carrier tape & Datasheet update |
| 1.4 Product Category |   | Power MOSFET HV  |
| 1.5 Issue date       |   | 2020-12-22   |

### 2. PCI Team

|                           |                          |
|---------------------------|--------------------------|
| 2.1 Contact supplier      |                          |
| 2.1.1 Name                | ROBERTSON HEATHER        |
| 2.1.2 Phone               | +1 8475853058            |
| 2.1.3 Email               | heather.robertson@st.com |
| 2.2 Change responsibility |                          |
| 2.2.1 Product Manager     | Maurizio GIUDICE         |
| 2.1.2 Marketing Manager   | Paolo PETRALI            |
| 2.1.3 Quality Manager     | Vincenzo MILITANO        |

### 3. Change

| 3.1 Category             | 3.2 Type of change                           | 3.3 Manufacturing Location            |
|--------------------------|--|---------------------------------------|
| General Product & Design | Modification of datasheet : Errata/error fix | ASE-WEIHAI (China), CARSEM (Malaysia) |

### 4. Description of change

|   | Old  | New   |
|---|--|---|
| 4.1 Description   | PowerFLAT 8X8 HV packed in carrier tape with reference to the pin positioned at the top right. | PowerFLAT 8X8 HV packed in carrier tape with reference to the pin positioned at the top left. |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | no impact  |   |

### 5. Reason / motivation for change

|                      |   |
|----------------------|---|
| 5.1 Motivation       | in order to be aligned to the JEDEC/EIA specification |
| 5.2 Customer Benefit | QUALITY IMPROVEMENT                                   |

### 6. Marking of parts / traceability of change

|                 |                |
|-----------------|----------------|
| 6.1 Description | by Q.A. number |
|-----------------|----------------|

### 7. Timing / schedule

|                                     |                |
|-------------------------------------|----------------|
| 7.1 Date of qualification results   | 2020-12-17     |
| 7.2 Intended start of delivery      | 2021-01-10     |
| 7.3 Qualification sample available? | Not Applicable |

### 8. Qualification / Validation

|  |             |
|--|-------------|
| 8.1 Description                                    |             |
| 8.2 Qualification report and qualification results | In progress |

### 9. Attachments (additional documentations)

|  |
|--|
| 12528 Public product.pdf   |
| 12528 Orientation of PowerFLATTM 8X8 HV in carrier tape TOP-LEFT.pdf |

| 10. Affected parts      |                         |                          |
|-------------------------|-------------------------|--------------------------|
| 10. 1 Current           |                         | 10.2 New (if applicable) |
| 10.1.1 Customer Part No | 10.1.2 Supplier Part No | 10.1.2 Supplier Part No  |
|                         | STL13NM60N              |                          |
|                         | STL19N60M2              |                          |
|                         | STL22N65M5              |                          |
|                         | STL24N60DM2             |                          |
|                         | STL24N60M2              |                          |
|                         | STL24N65M2              |                          |
|                         | STL25N60M2-EP           |                          |
|                         | STL26N60DM6             |                          |
|                         | STL26N65DM2             |                          |
|                         | STL26NM60N              |                          |
|                         | STL28N60DM2             |                          |
|                         | STL31N65M5              |                          |
|                         | STL33N60DM2             |                          |
|                         | STL33N60M2              |                          |
|                         | STL33N60M6              |                          |
|                         | STL33N65M2              |                          |
|                         | STL36N55M5              |                          |
|                         | STL36N60M6              |                          |
|                         | STL38N65M5              |                          |
|                         | STL45N60DM6             |                          |
|                         | STL47N60M6              |                          |
|                         | STL57N65M5              |                          |

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Automotive and Discrete Group (ADG)  
Power Transistor MACRO-Division  
HV Business Unit

## **CUSTOMER NOTIFICATION**

### **Orientation of PowerFLAT™ 8X8 HV Package in carrier tape**

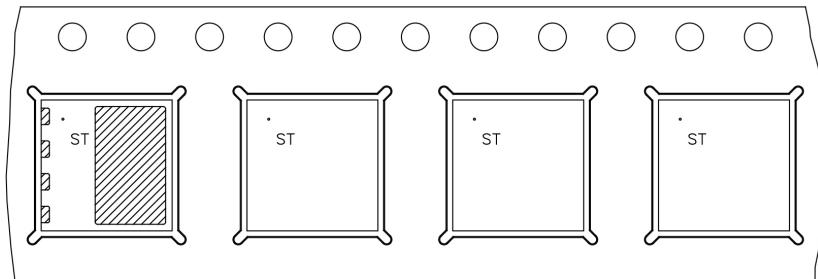
INVOLVED PRODUCT: **All products**

*Dear valued Customer,*

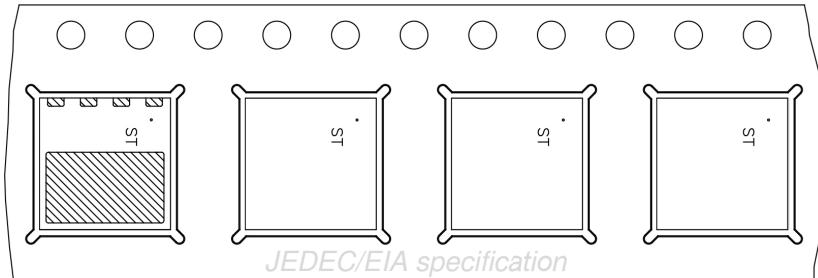
*Purpose of the current notification, is to inform you that despite what is stated in the **PCI ADG/20/12232**, published on June 26, 2020, we are going to restore the PowerFLAT™ 8x8 HV package orientation in carrier tape to TOP LEFT. The change will also be reported in the relative datasheets.*

*We have gathered negative feedback from our customers and found that very few vendors follow the JEDEC / EIA specification, then the top right orientation creates a continuous equipment setup.*

#### **NEW PowerFLAT™ 8X8 HV top left Package orientation in carrier tape**



#### **Current PowerFLAT™ 8X8 HV top right Package orientation in carrier tape**



*We apologize for any inconvenience this may cause. Please do not hesitate to contact us for any questions or concerns.*

*Yours faithfully.*



## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCI Title :** Orientation of PowerFLAT 8X8 HV Package in carrier tape & Datasheet update

**PCI Reference :** ADG/20/12528

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

|               |             |             |
|---------------|-------------|-------------|
| STL24N60M6    | STL17N60M6  | STL33N60DM2 |
| STL24N60DM2   | STL36N55M5  | STL38N65M5  |
| STL26N65DM2   | STL31N65M5  | STL57N65M5  |
| STL33N60M2    | STL36N60M6  | STL28N60M2  |
| STL24N65M2    | STL45N65M5  | STL47N60M6  |
| STL33N60DM6   | STL22N65M5  | STL24N60M2  |
| STL19N60M2    | STL28N60DM2 | STL19N60M6  |
| STL25N60M2-EP | STL26N60DM6 | STL45N60DM6 |
| STL13NM60N    | STL26NM60N  | STL21N65M5  |
| STL33N60M6    | STL33N65M2  |             |



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